

1/4

10x NB75 Btk PRODUCTION SUPERNATANT

↓ SPIN

↓ .2 $\mu$  FILTER

CRUDE .2 $\mu$  SUPERNATANT

↓ 5K ULTRAFILTRATION

5K PERMEATE

↓ SP CATION EXCHANGE

SP POOL

↓ CONC. BY LYOPHILIZATION

↓ P2 GEL FILTRATION

P2 POOL

↓ SP HPLC

SP HPLC POOL

↓ MULTIPLE LYOPHILIZATION

PURE COMPOUND

FIG.1

051501 051501 051501

FOOTED 2023580

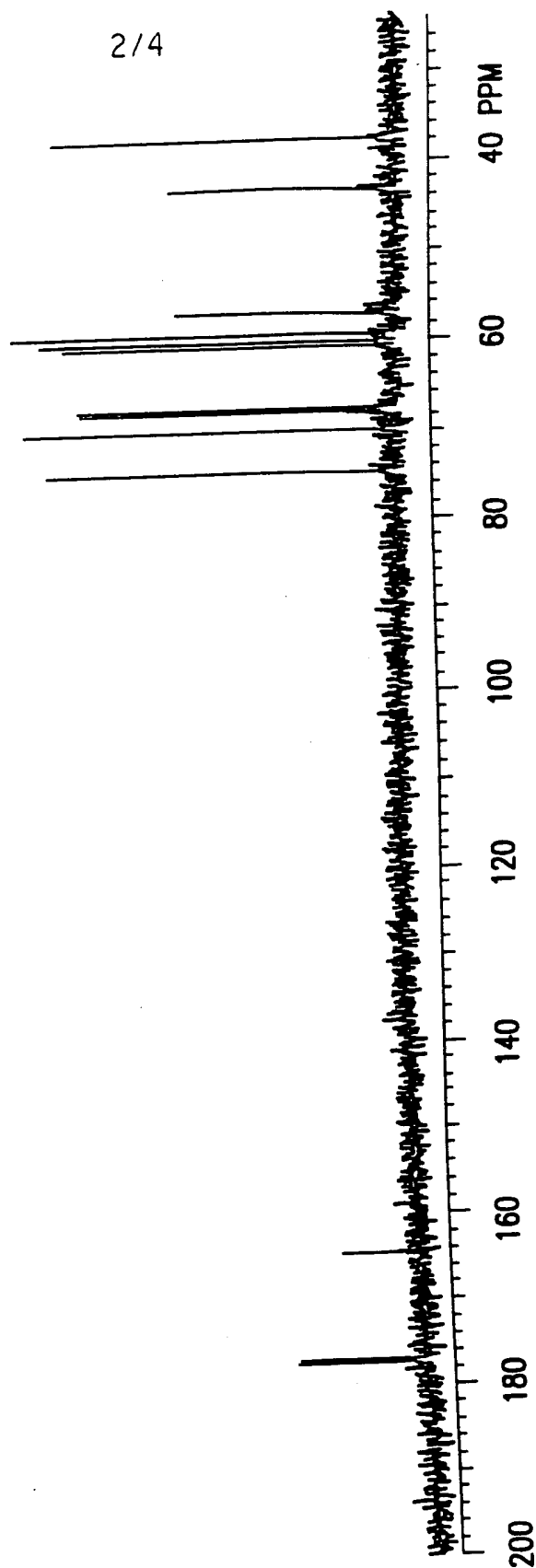
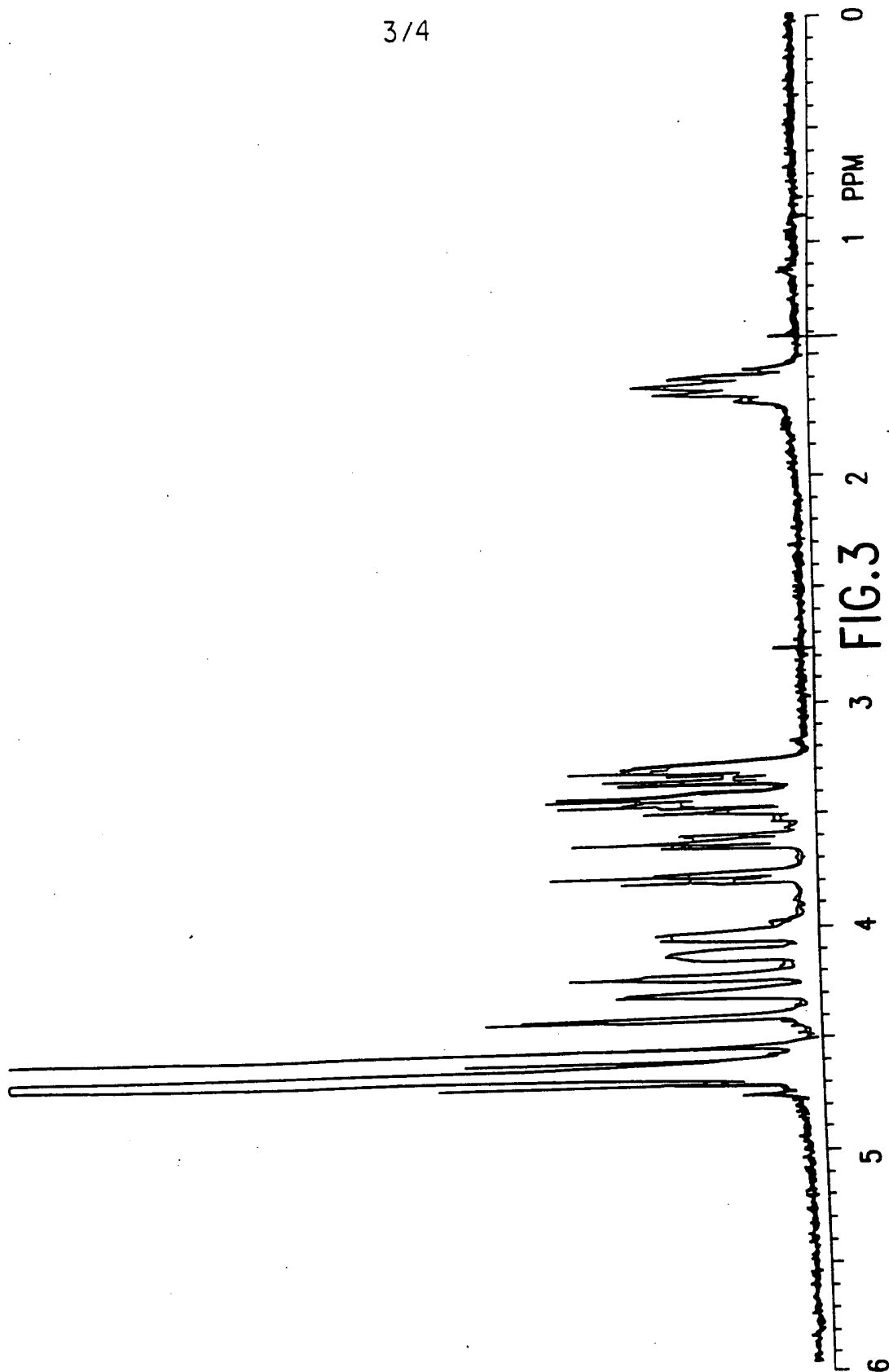


FIG.2

3/4

093607 20295350



4/4

nOe's observed : 8.2  $\longrightarrow$  5.17  
 8.06  $\longrightarrow$  5.17, 5.34

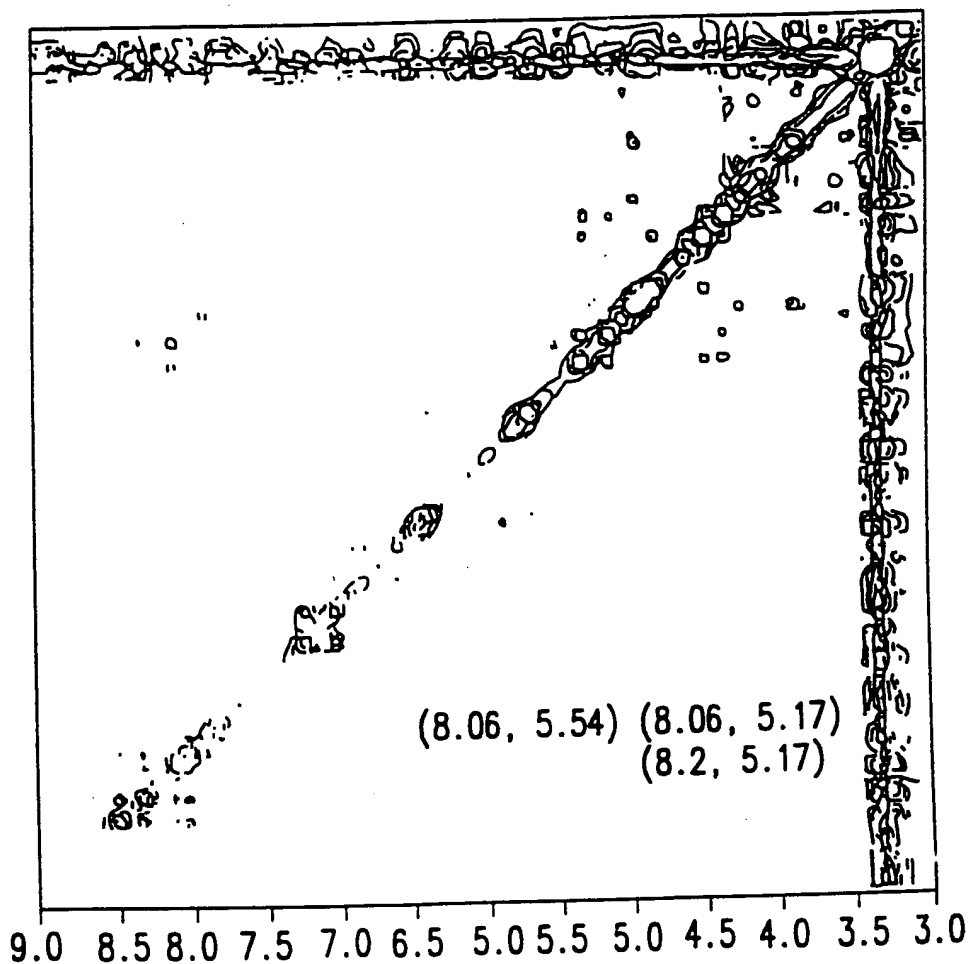
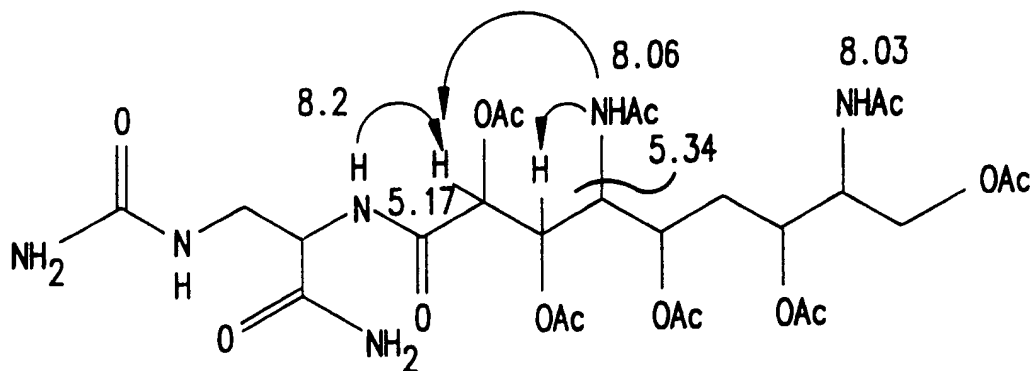


FIG.4

093307.051504  
 093307.051504